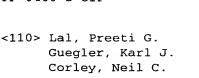
#4



JUN 1 4 2002

<120> ANTIBODY SPECIFICALLY BINDING HUMAN PINCH PROTEIN HOMOLOG

<130> PF-0460-2CIP

<140> To Be Assigned

<141> Herewith

<150> 09/528,959; 09/008,465

<151> 2000-03-20; 1998-01-16

<160> 3

<170> PERL Program

<210> 1

<211> 341

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3540806CD1

<400> 1

Met Thr Gly Ser Asn Met Ser Asp Ala Leu Ala Asn Ala Val Cys 5 Gln Arg Cys Gln Ala Arg Phe Ser Pro Ala Glu Arg Ile Val Asn 25 Ser Asn Gly Glu Leu Tyr His Glu His Cys Phe Val Cys Ala Gln 40 Cys Phe Arg Pro Phe Pro Glu Gly Leu Phe Tyr Glu Phe Glu Gly 50 55 Arg Lys Tyr Cys Glu His Asp Phe Gln Met Leu Phe Ala Pro Cys 65 70 Cys Gly Ser Cys Gly Glu Phe Ile Ile Gly Arg Val Ile Lys Ala 85 Met Asn Asn Asn Trp His Pro Gly Cys Phe Arg Cys Glu Leu Cys Asp Val Glu Leu Ala Asp Leu Gly Phe Val Lys Asn Ala Gly Arg 1:15 His Leu Cys Arg Pro Cys His Asn Arg Glu Lys Ala Lys Gly Leu 125 130 Gly Lys Tyr Ile Cys Gln Arg Cys His Leu Val Ile Asp Glu Gln 140 145 Pro Leu Met Phe Arg Ser Asp Ala Tyr His Pro Asp His Phe Asn 155 160 Cys Thr His Cys Gly Lys Glu Leu Thr Ala Glu Ala Arg Glu Leu 170 175 Lys Gly Glu Leu Tyr Cys Leu Pro Cys His Asp Lys Met Gly Val 185 190 Pro Ile Cys Gly Ala Cys Arg Arg Pro Ile Glu Gly Arg Val Val 205 Asn Ala Leu Gly Lys Gln Trp His Val Glu His Phe Val Cys Ala 215 220 Lys Cys Glu Lys Pro Phe Leu Gly His Arg His Tyr Glu Lys Lys

```
230
                                     235
Gly Leu Ala Tyr Cys Glu Thr His Tyr Asn Gln Leu Phe Gly Asp
                245
                                     250
Val Cys Tyr Asn Cys Ser His Val Ile Glu Gly Asp Val Val Ser
                                     265
Ala Leu Asn Lys Ala Trp Cys Val Ser Cys Phe Ser Cys Ser Thr
                275
                                     280
                                                          285
Cys Asn Ser Lys Leu Thr Leu Lys Asn Lys Phe Val Glu Phe Asp
                                                          300
                                     295
Met Lys Pro Val Cys Lys Arg Cys Tyr Glu Lys Phe Pro Leu Ġlu
                                                          315
                305
                                     310
Leu Lys Lys Arg Leu Lys Lys Leu Ser Glu Leu Thr Ser Arg Lys
                320
                                     325
Ala Gln Pro Lys Ala Thr Asp Leu Asn Ser Ala
                335
                                     340
```

<210> 2

<211> 1959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3540806CB1

<400> 2

tgcagcagca gagggagacc cgcggcaacc ccggcaaccc agggctcggc gtcgctgcca 60 ccatgacggg aagcaatatg teggacgeet tggccaaege egtgtgecag egetgecagg 120 cccgcttctc ccccgccgag cgcattgtca acagcaatgg ggagctgtac catgagcact 180 gettegtgtg tgeecagtge tteeggeect teecegaggg getettetat gagtttgaag 240 gccggaagta ctgcgaacac gacttccaaa tgctgtttgc tccgtgctgt ggatcctgcg 300 gtgagttcat cattggccgc gtcatcaagg ccatgaacaa caactggcac ccgggctgct 360 tccgctgcga gctgtgtgat gtggagctgg ctgacctggg ctttgtgaag aatgccggca 420 ggcatctctg ccggccttgc cacaaccgtg agaaggccaa gggcctgggc aagtacatct 480 gccagcggtg ccacctggtc atcgacgagc agcccctcat gttcaggagc gacgcctacc 540 accetgacea etteaactge acceaetgtg ggaaggaget gacageegag geeegegage 600 tgaagggtga gctctactgc ctgccctgcc atgacaagat gggcgtcccc atctgcgggg 660 cctgccgccg gcccatcgag ggccgagtgg tcaacgcgct gggcaagcag tggcacgtgg 720 agcactttgt ctgtgccaag tgtgagaagc cattcctggg gcaccggcac tatgagaaga 780 agggeetgge etactgegag acteactaea accagetett eggggaegte tgetacaaet 840 gcagccatgt gattgaaggc gatgtggtgt cggccctcaa caaggcctgg tgtgtgagct 900 getteteetg etecacetge aacageaage teaccetgaa gaacaagttt gtggagtteg 960 acatgaagcc cgtgtgtaag aggtgctacg agaagttccc gctggagctg aagaagcggc 1020 tgaagaagct gtcggagctg acctcccgca aggcccagcc caaggccaca gacctcaact 1080 ctgcctgaag gccctcttgc gcactgcctc tcggcccctc cgccttctcc cctcctgctg 1140 tecatgettg geoccetegt ecceatecae etgtgecete egeatettae ectecettte 1200 tettteetea ttgeettete eetteetgtt eesteatete tgeetteeee atgtetetee 1260 tctccttggc cgtggcttct gtctgtgagg aggcaggagc tggggagtgg gagcctatga 1320 ccccacgtct gacagccatg tecacetgtg eccacagett eegeccacag acetecaggg 1380 gctcatgctg tcctgtgaga gcccctgccc cagagcggcc ccactaagcg catgtggctc 1500 ctgggctacc cacagccagg gcagcctgct ggagccacag ggccagggcc atgcagatgg 1560 aggeetetgg gageeacete caateeetea ceaeteacte aaccagtgge acagtgteet 1620 tgtgcccaca ctgagccagc aagtcctgct gtccacaccc acaagctacc tggagggaca 1680 ggacccacct ccatccttcg gaaggeette etggaateee acettggeet eegeeetegg 1740 ttccgccccg cccctctccc cccgaccttg gggcttgtgt cgagcccttg ggtggggcca 1800 ggaggaggtg atggcgtcag aggaggtgtg gtcagaggtg acttgttccc acctccaggg 1860 aggacgette gtetteggee agegeagace tggtgtttgt ttgtttgttg ggteaegett 1920

gcacaatgaa ggcttgttca cacaaaaaaa aaaaaaaaa

<210> 3 <211> 314 <212> PRT <213> Homo sapiens <300> <308> Genbank ID No: g516012 <309> 1994-07-26

<400> 3 Met Ala Asn Ala Leu Ala Ser Ala Thr Cys Glu Arg Cys Lys Gly Gly Phe Ala Pro Ala Glu Lys Ile Val Asn Ser Asn Gly Glu Leu Tyr His Glu Gln Cys Phe Val Cys Ala Gln Cys Phe Gln Gln Phe 40 35 Pro Glu Gly Leu Phe Tyr Glu Phe Glu Gly Arg Lys Tyr Cys Glu 55 His Asp Phe Gln Met Leu Phe Ala Pro Cys Cys His Gln Cys Gly 70 Glu Phe Ile Ile Gly Arg Val Ile Lys Ala Met Asn Asn Ser Trp His Pro Glu Cys Phe Arg Cys Asp Leu Cys Gln Glu Val Leu Ala 95 100 Asp Ile Gly Phe Val Lys Asn Ala Gly Arg His Leu Cys Arg Pro 110 115 Cys His Asn Arg Glu Lys Ala Arg Gly Leu Gly Lys Tyr Ile Cys 125 130 Gln Lys Cys His Ala Ile Ile Asp Glu Gln Pro Leu Ile Phe Lys 145 140 Asn Asp Pro Tyr His Pro Asp His Phe Asn Cys Ala Asn Cys Gly 155 160 Lys Glu Leu Thr Ala Asp Ala Arg Glu Leu Lys Gly Glu Leu Tyr 170 175 Cys Leu Pro Cys His Asp Lys Met Gly Val Pro Ile Cys Gly Ala 190 Cys Arg Arg Pro Ile Glu Gly Arg Val Val Asn Ala Met Gly Lys 205 Gln Trp His Val Glu His Phe Val Cys Ala Lys Cys Glu Lys Pro 215 220 Phe Leu Gly His Arg His Tyr Glu Arg Lys Gly Leu Ala Tyr Cys 230 235 Glu Thr His Tyr Asn Gln Leu Phe Gly Asp Val Cys Phe His Cys 245 250 Asn Arg Val Ile Glu Gly Asp Val Val Ser Ala Leu Asn Lys Ala 260 265 Trp Cys Val Asn Cys Phe Ala Cys Ser Thr Cys Asn Thr Lys Leu 275 280 Thr Leu Lys Asn Lys Phe Val Glu Phe Asp Met Lys Pro Val Cys

Lys Lys Cys Tyr Glu Ile Ser Ile Gly Ala Glu Glu Lys Thr

290

305

295